

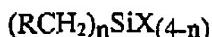


where n is 1 or 2;

X is a halogen selected from the group consisting of chlorine, bromine, fluorine, and iodine; or an alkoxy selected from the group consisting of methoxy, ethoxy and propoxy substituents; and

R is an alkyl group having at least one but not more than two substituents in the position  $\beta$  to silicon that are electronegative;  
and wherein said siloxane polymer contains silanol groups.

D | 25. (New) A photo and thermally labile siloxane polymer which undergoes transformation to SiO<sub>2</sub>-rich films by the elimination of  $\beta$ -substituted alkyl groups, the polymer consisting essentially of a hydrolysis and condensation polymerization product of an organosilane containing an alkyl group substituted in the position  $\beta$  to silicon, the organosilane having the general formula:



where n is 1 or 2;

X is a halogen selected from the group consisting of chlorine, bromine, fluorine, and iodine; or an alkoxy selected from the group consisting of methoxy, ethoxy and propoxy substituents; and

R is an alkyl group having at least one but not more than two non-halogenated substituents in the position  $\beta$  to silicon that are electronegative;  
and wherein said siloxane polymer contains silanol groups.--

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#### REMARKS

Claims 1-25 are presently pending in the application.

By this supplemental amendment, new claims 24 and 25 have been added. These claims incorporate the subject matter from claims 1 and 23, respectively, but recite that the